Sub #6

58. (Amended) An array comprising a pattern of probe oligonucleotide spots of a density that does not exceed about 400 spots/cm^2, wherein each probe oligonucleotide spot consists of a mixture of 3 to 20 unique oligonucleotides of different sequence and from about 25 to 100 nucleotides in length that are each attached to a surface of a solid support and hybridize to a different region of the same target nucleic acid to produce a complex made up of said target nucleic acid and 2 or more unique oligonucleotides.

Sub #7

60. (Amended) An array comprising at least one pattern of probe oligonucleotide spots attached to a surface of a solid support, wherein each probe oligonucleotide spot consists of a mixture of a plurality of 2 or more unique oligonucleotides of different sequence that are each attached to said surface of said solid support and cooperatively hybridize to the same target nucleic acid to produce a complex made up of said target nucleic acid and 2 or more unique oligonucleotides.

REMARKS

In view of the amendments and the following remarks, the Examiner is respectfully requested to withdraw all rejections and allow Claims 1-17, 53, 57-59 and Claims 60 – 77, the only claims pending and currently under Examination in this application.

Claims 1, 57, 58 and 60 have been amended to clarify that each of the oligonucleotide probes is attached to the solid support. Support for this amendment can be found throughout the specification. As such, the above amendments introduce no new matter to the application and their entry by the Examiner is respectfully requested. Attached hereto is a marked up version of the changes made to the claims by the current amendment. The attached page is captioned **"Version with markings to show changes made."**

Claims 1-17, 53 and 60-77 were rejected under 35 U.S.C. §112, 2nd ¶ for the asserted reason that the use of the term "stably associated" in the claims renders the claim language